



## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLA1P117X1F/P1151/7

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: APPARATUS AND METHODS FOR DETECTING OVERLAY ERRORS USING SCATTEROMETRY the specification of which,

(check one)

1.  is attached hereto.
2.  was filed on February 23, 2004 as  
U.S. Application No. 10/785,430  
and was amended on \_\_\_\_\_.
3.  was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

### Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
(Application No.)	(Country)	(Filing Date)	Yes ____ No ____
(Application No.)	(Country)	(Filing Date)	Yes ____ No ____

### Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

<u>60/504,093</u> (Application No.)	<u>September 19, 2003</u> (Filing Date)
<u>60/449,496</u> (Application No.)	<u>February 22, 2003</u> (Filing Date)
<u>60/498,524</u> (Application No.)	<u>August 27, 2003</u> (Filing Date)

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer Number: 022434**



**Direct Telephone Calls To:**

**Mary Ramos Olynick at telephone number (510) 843-6200**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: Walter D. Mieher

Citizenship: United States

Inventor's signature: Walter D. Mieher

Date of Signature: 6/11/2004

Residence: (City) Los Gatos

(State/Country) CA/USA

Post Office Address: 14135 Old Japanese Road, Los Gatos, CA 95033

Second Inventor: : Ady Levy

Citizenship: Israel

Inventor's signature: Ady Levy

Date of Signature: 6/14/04

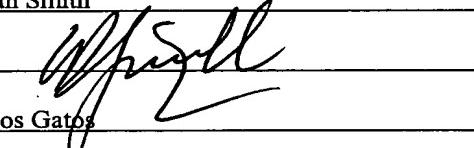
Residence: (City) Sunnyvale

(State/Country) CA/USA

Post Office Address: 1621 Samedra Street, Sunnyvale, CA 94087

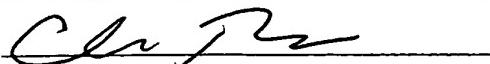
Third Inventor: Boris Golovanesky Citizenship: Israel  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Haifa (State/Country) Israel  
Post Office Address: 74/21 Haviva Raich Street, Haifa, Israel

Fourth Inventor: Michael Friedmann Citizenship: Israel  
Inventor's signature:  Date of Signature: 6/11/04  
Residence: (City) Mountain View (State/Country) CA/USA  
Post Office Address: 801 Church Street, Mountain View, CA 94041

Fifth Inventor: Ian Smith Citizenship: United Kingdom  
Inventor's signature:  Date of Signature: 6/14/04  
Residence: (City) Los Gatos (State/Country) CA/USA  
Post Office Address: 17031 Los Cerritos, Los Gatos, CA 95030

Sixth Inventor: Michael E. Adel Citizenship: Israel  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Zichron Ya'akov (State/Country) Israel  
Post Office Address: 14 Yigal Alon Street, Zichron Ya'akov, 30900 Israel

Sixteenth Inventor: Mark Ghinovker Citizenship: Israel  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Migdal Ha'Emek (State/Country) Israel  
Post Office Address: Sholom Aleichem, 812/22, Migdal Ha'Emek, 23019 Israel

Eighth Inventor: Christopher F. Bevis Citizenship: United States  
Inventor's signature:   
Date of Signature: 10 June 2004  
Residence: (City) Los Gatos (State/Country) CA/USA  
Post Office Address: 81 College Avenue, Los Gatos, California 95030

Ninth Inventor: Noam Knoll Citizenship: Israel  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Zichron Yaakov (State/Country) Israel  
Post Office Address: 1 Hamaish Street, Zichron Yaakov, 30900, Israel

Ninth Inventor: Moshe Baruch Citizenship: Israel  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Misgav (State/Country) Israel  
Post Office Address: Atzman D.N. Misgav, Israel 20170



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## Typewritten Full Name of

Sole or First Inventor: Walter D. MieherCitizenship: United States

## Inventor's signature: \_\_\_\_\_

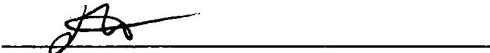
Date of Signature: \_\_\_\_\_

Residence: (City) Los Gatos(State/Country) CA/USAPost Office Address: 14135 Old Japanese Road, Los Gatos, CA 95033Second Inventor: : Ady LevyCitizenship: Israel

Inventor's signature: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

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Third Inventor: Boris Golovanesky Citizenship: Israel  
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Fourth Inventor: Michael Friedmann Citizenship: Israel  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Mountain View (State/Country) CA/USA  
Post Office Address: 801 Church Street, Mountain View, CA 94041

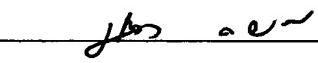
Fifth Inventor: Ian Smith Citizenship: United Kingdom  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Los Gatos (State/Country) CA/USA  
Post Office Address: 17031 Los Cerritos, Los Gatos, CA 95030

Sixth Inventor: Michael E. Adel Citizenship: Israel  
Inventor's signature:   
Date of Signature: July 17<sup>th</sup> 2004  
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Sixteenth Inventor: Mark Ghinovker Citizenship: Israel  
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Date of Signature: July 12, 2004  
Residence: (City) Migdal Ha'Emek (State/Country) Israel  
Post Office Address: Sholom Aleichem, 812/22, Migdal Ha'Emek, 23019 Israel

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Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Los Gatos (State/Country) CA/USA  
Post Office Address: 81 College Avenue, Los Gatos, California 95030

Ninth Inventor: Noam Knoel Citizenship: Israel  
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